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(54) Title: POLYHYDROXYALKANOIC ACID HAVING ESTER, CARBOXYL OR SULFONIC ACID GROUP AND PRODUCING METHOD THEREFOR

(57) Abstract: The invention is to provide a novel polyhydroxyalkanoate having a reactive functional group within a molecule, a novel polyhydroxyalkanoate having a novel function by a chemical modification of the polyhydroxyalkanoate having the reactive functional group, and a producing method therefor. A polyhydroxyalkanoate containing a unit having a carboxyl group in a side chain is utilized for deriving a polyhydroxyalkanoate containing a unit having an amide group and a sulfonic acid group in the molecule.

